



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 09/591,622
Filing Date June 9, 2000
First Inventor Shinya MATSUDA et al.
Group Art Unit 2834
Examiner Name Thomas M. Dougherty
Attorney Docket No. 15162/02100

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
TMD	(1)	4,613,782		Mori et al.	09/23/86	310	323	
TMD	(2)	4,947,077		Murata et al.	08/07/90	310	328	
TMD	(3)	4,950,135		Tojo et al.	08/21/90	417	410	
TMD	(5)	5,424,597		Glöss et al.	06/13/95	310	328	
TMD	(7)	5,523,643		Fujimura et al.	06/04/96	310	328	
TMD	(9)	5,900,691		Reuter et al.	05/04/99	310	348	
TMD	(10)	6,066,911		Lindemann et al.	05/23/00	310	323.02	
TMD	(11)	U.S. Ser. No. 09/583,366						05/31/00
TMD	(12)	U.S. Ser. No. 09/697,570						10/26/00

FOREIGN PATENT DOCUMENTS

Examiner Initials	O F F I C E	NUMBER	C O D E	PUBLICATION DATE (mm/dd/yy)	TRANSLATION Yes No

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
TMD	(4)	Keisuke SASAE et al, "Development of a Small Actuator with Three Degrees of Rotational Freedom" (2 nd Report), <u>Journal of Precision Engineering Institution</u> , Vol. 61, No. 4, 1995, pgs. 532-536 ✓
TMD	(6)	Keisuke SASAE et al, "Development of a Small Actuator with Three Degrees of Rotational Freedom" (3 rd Report), <u>Journal of Precision Engineering Institution</u> , Vol. 62, No. 4, 1996, pgs. 599-603 ✓
TMD	(8)	Minoru KURIBAYASHI et al, "Transducer for High Speed and Large Thrust Ultrasonic Linear Motor Using Two Sandwich-Type Vibrators", <u>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</u> , Vol. 45, No. 5, September, 1998, pp. 1188-1195 ✓
Examiner Signature		Thomas M. Dougherty
	Date Considered	8-30-02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.